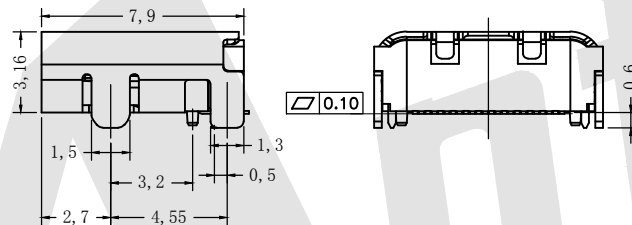
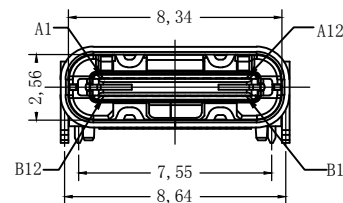
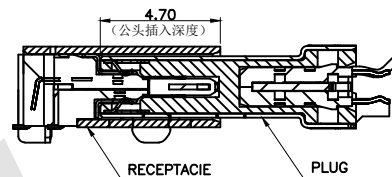
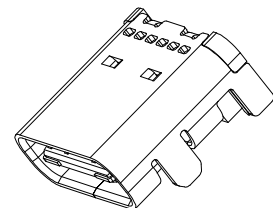
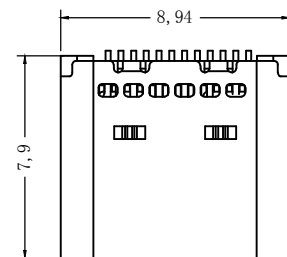


HSF



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

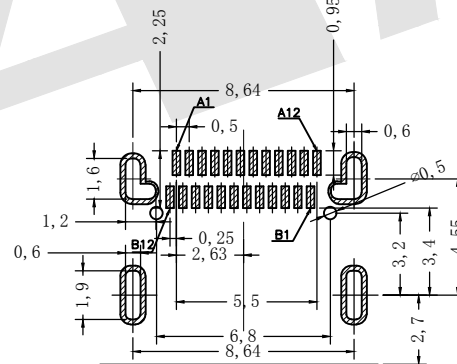
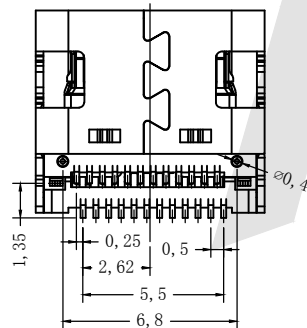
PIN	Signal Name	Mating Sequence	PIN	Signal Name	Mating Sequence
A1	GND	FIRST	B12	XXRXn1	SECOND
A2	XXTXn1	SECOND	B11	XXRXn1	SECOND
A3	XXTXn1	SECOND	B10	XXRXn1	SECOND
A4	VBUS	FIRST	B9	VBUS	FIRST
A5	CC1	SECOND	B8	CC1	SECOND
A6	DP1	SECOND	B7	DN1	SECOND
A7	DN1	SECOND	B6	DP1	SECOND
A8	SBU1	SECOND	B5	SBU1	SECOND
A9	VBUS	FIRST	B4	VBUS	FIRST
A10	XXRXn2	SECOND	B3	XXTXn2	SECOND
A11	XXRXn2	SECOND	B2	XXTXn2	SECOND
A12	GND	FIRST	B1	GND	FIRST
SHELL	GND		SHELL	GND	

SPECIFICATIONS:

- Electrical:
 - Current Rating:0.5A MIN For VBUS,0.25A Min For Other
 - Contact Resistance:40 Milliohm Max.
 - Dielectric Withstanding Voltage:100V AC AT Sea Level
 - Insulation Resistance:100 Megohms Min.
- Material:
 - Housing:LCP, Glass Fiber Filled, Black
 - Contact:Copper Alloy
 - Guard Plate:Stainless Steel, T=0.10mm
 - Shield:Stainless Steel (t=0.30mm).
- Finish:
 - Contact:30u" Gold Plating On Contact Area
120u" Min. Tin(Matte) Plating On Soldertails
Area 80u" Min. Nickel Underplating Over All
 - Shell:Nickel Plating
- Mechanical Characteristics:
 - Mating Force:5-20N Max.
 - Unmating Force:8-20N Min.
 - Durability:10000 Cycles

U3.1FM03 - S - L - X - X - X
① ② ③ ④ ⑤ ⑥

- ① Series No:
- ② Shell Material:
S:stainless steel
- ③ Insulator Material:
L:LCP
- ④ Contact Material:
B:Brass
P:phosphor copper
- ⑤ Contact Plating
G0: Gold flash
G1: 3u" Gold
G2: 5u" Gold
G3: 10u" Gold
G4: 15u" Gold
G5: 30u" Gold
- ⑥ Packing
A:Tray
B:Bag
C:Tube
D:Tape&Reel



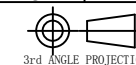
RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

Unless Otherwise specified tolerance
X. ±0.35 X.XX:±0.20
X.X:±0.25 X.XXX:±0.15

Antenk ANTENK ELECTRONICS CO., LTD
Http://www.antenk.com
E-mail:sales@antenk.com

SCALE: As Shown UNIT: mm
DRAW Lv Xun Hua DATE 28/06/2019
CHECK BobYang DATE 28/06/2019

TITLE: USB3.1 C Type Receptacle Connector
SMT With Four Shell Dip



DRAWING NO: U3.1FM03-SLXXX
PRODUCT NO: U3.1FM03-SLXXX

REV DESCRIPTION DATE